

FIG. 6C

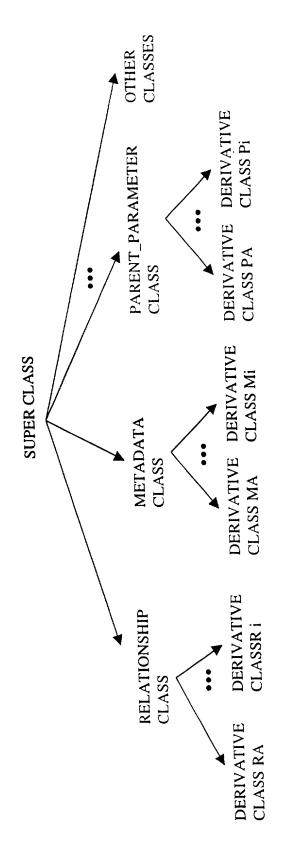


FIG. 7

NAME(S) OF INSTANCE(S)	<name1>, <name2></name2></name1>						
SUBCLASS LABEL	RELATIONSHIP CLASS	TRACKING CLASS	PARENT PARAMETER CLASS	DERIVATIVE CLASS PA	DERIVATIVE CLASS Pi		

FIG. 8

•PARAMETER_SATISFY (<NEED_COLLECTION>; <EXECUTION OBJECT>; <HAVE>) 900 •METADATA_OBJECT_PTR <PTR TO ASSOCIATED METADATA OBJECT> •CLASS_LABEL <LABEL INDICATING A EXECUTION OBJECT> •NAME <SAME AS METADATA OBJECT ASSOCIATED WITH> •MANAGER_PTR <PTR TO MANAGER OBJECT OR NULL> •EXECUTE (<MANAGER OBJECT>; <CONTEXT OBJECT>) •PARAMS <COLLECTION OF KEY_VALUE OBJECTS> •GET_PARAM (<KEY>; <CONTEXT OBJECT>) •SET_PARAM (<KEY>, <VALUE>) **EXECUTION CLASS** •STRUCTURES •METHODS

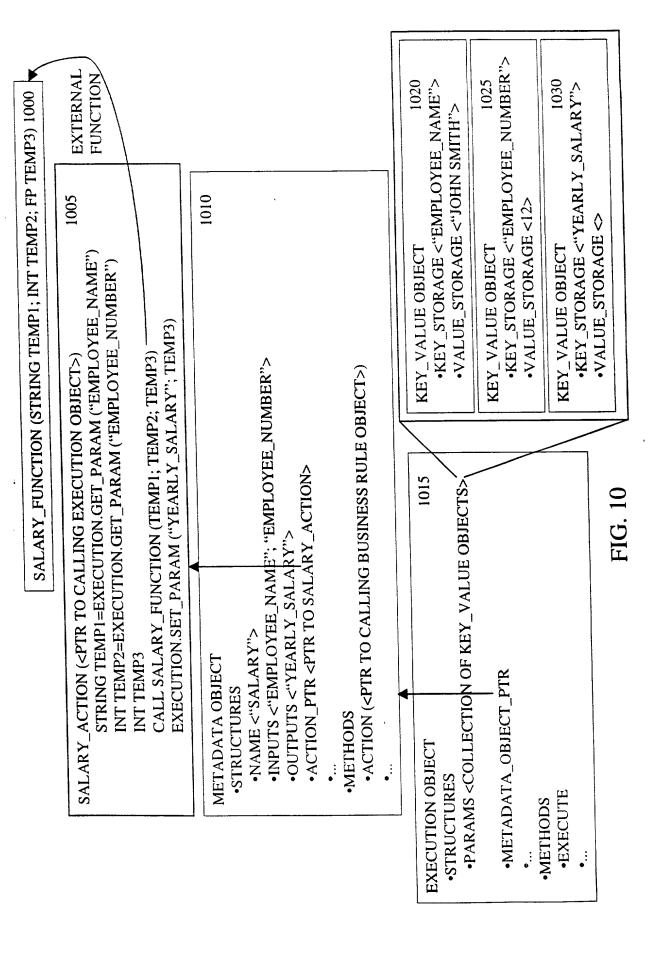


FIG. 11A 1100 •KEY_VALUE_COLLECTION <COLLECTION OF KEY_VALUE OBJECTS> •EXECUTION_COLLECTION <COLLECTION OF EXECUTION OBJECTS> CONTEXT CLASS •STRUCTURES •METHODS •NAME

1110

MANAGER CLASS

•STRUCTURES

•CONTEXT_COLLECTION <COLLECTION OF CONTEXT OBJECTS>

•EXECUTION_COLLECTION <COLLECTION OF EXECUTION OBJECTS MANAGED BY A MANAGER OBJECT> •DEFAULT_CONTEXT <IDENTIFIES ONE OF CONTEXT OBJECTS IN CONTEXT_COLLECTION>

•EXECUTION_PATH_COLLECTION <ORDERED COLLECTION OF LEVEL OBJECTS>

METHODS

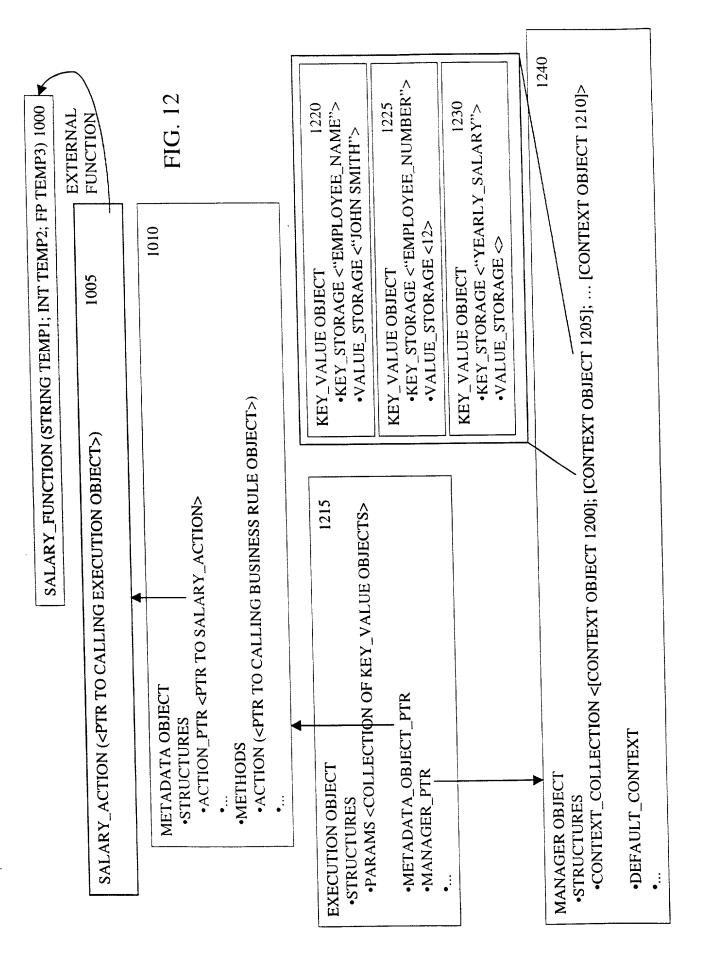
•NEW_EXECUTION (<NAME OF METADATA OBJECT>; <CLASS_LABEL>; <CONTEXT OBJECT>) •FIND_BY_NAME (<NAME OF METADATA OBJECT>; < CLASS_LABEL >; <CONTEXT OBJECT>)

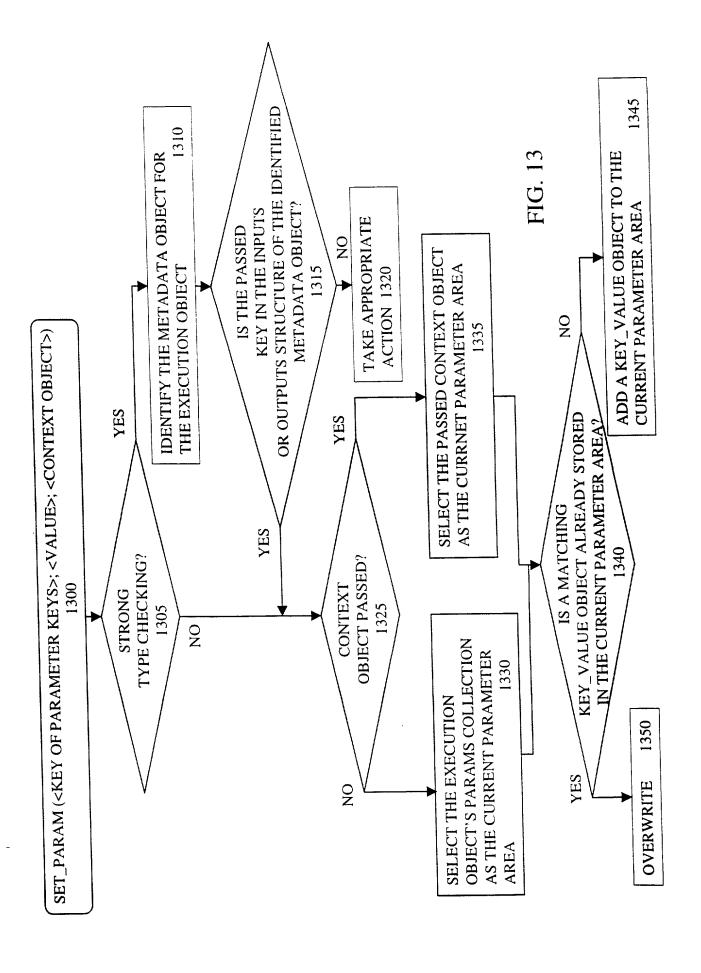
•FIND_BY_NEED (<NEED_COLLECTION (E.G., COLLECTION OF PARAMETER KEYS)>; <HAVE (E.G., CONTEXT

•FIND_BY_NAME_AND_EXECUTE (<NAME OF METADATA OBJECT>; < CLASS_LABEL >; <CONTEXT OBJECT CONTAINING PARAMETERS HAVE VALUES FOR)>)

•FIND_BY_NEED_AND_EXECUTE (<NEED_COLLECTION (E.G., COLLECTION OF PARAMETER KEYS)>; <HAVE (E.G., CONTEXT OBJECT CONTAINING PARAMETERS HAVE VALUES FOR)>)

FIG. 11B





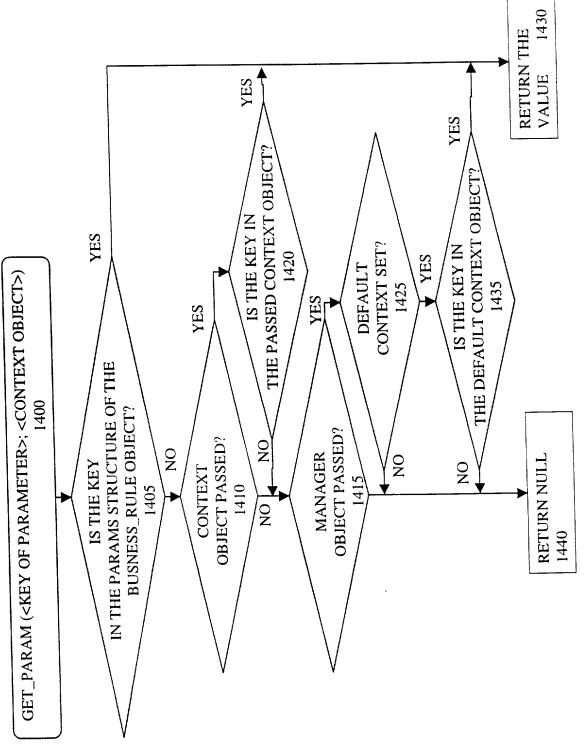
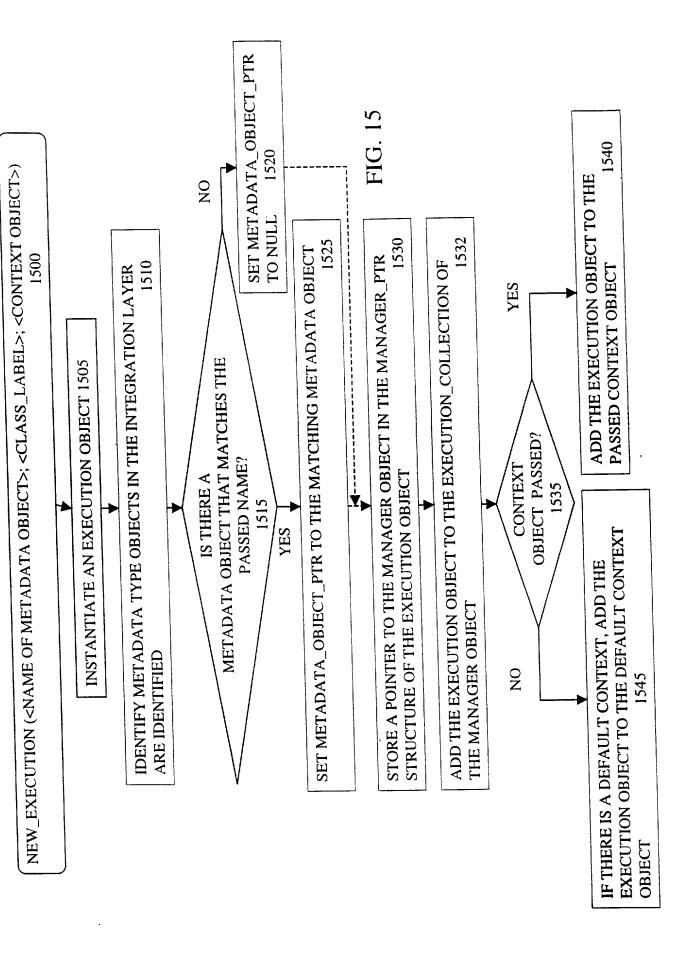
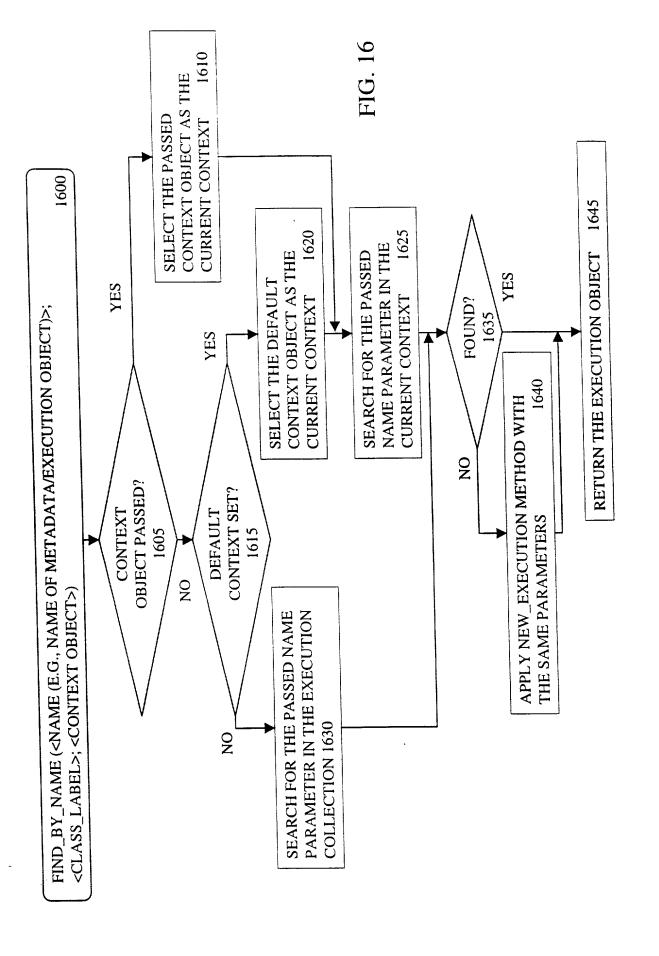
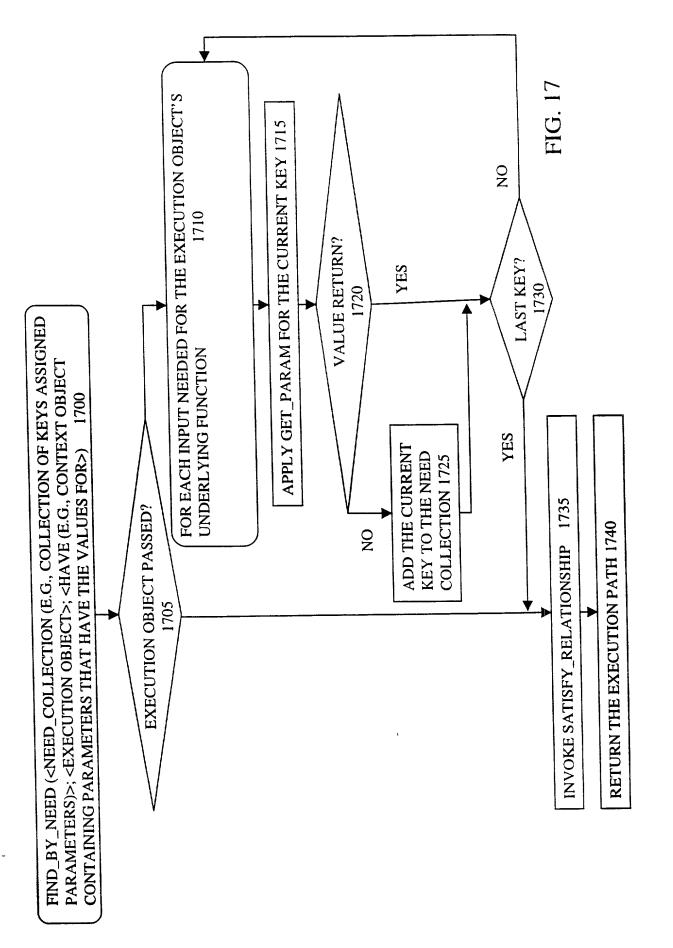
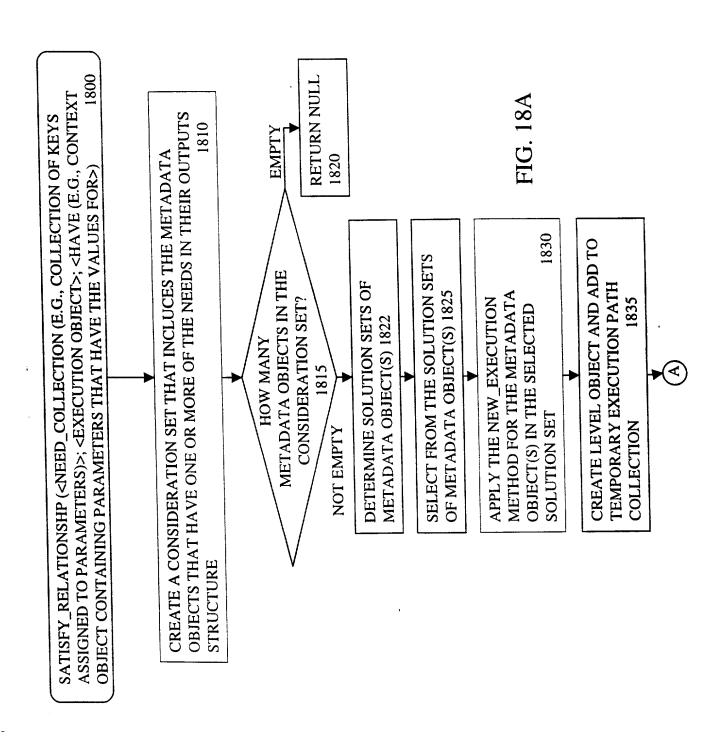


FIG. 14









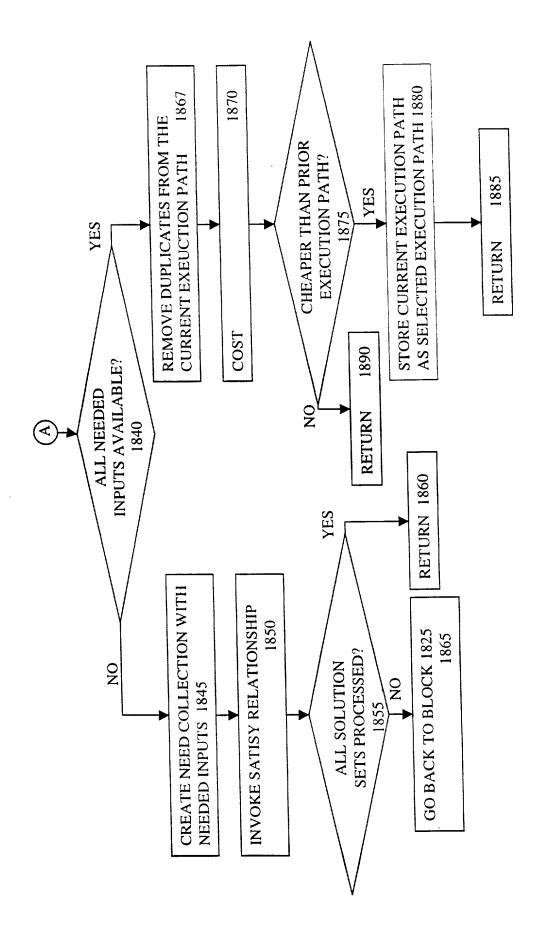
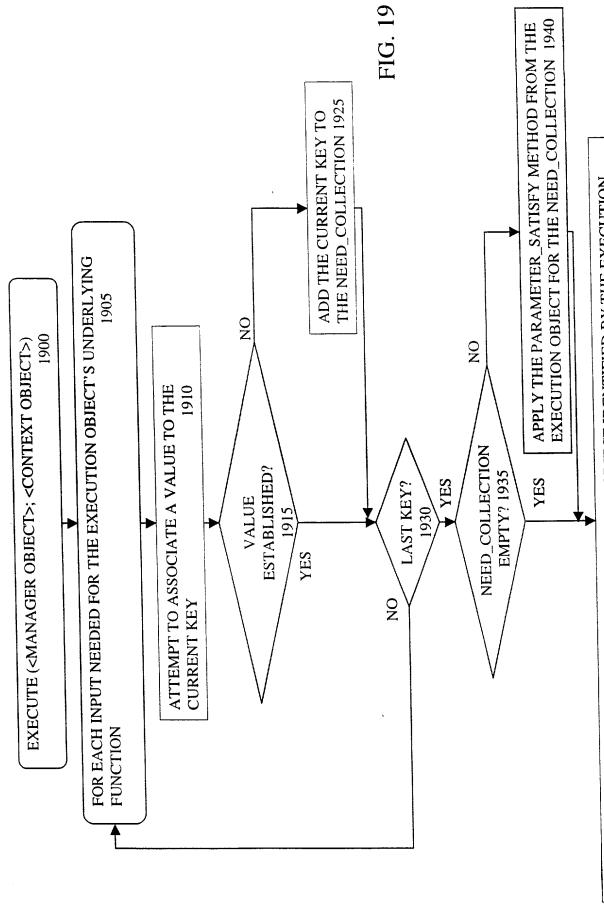
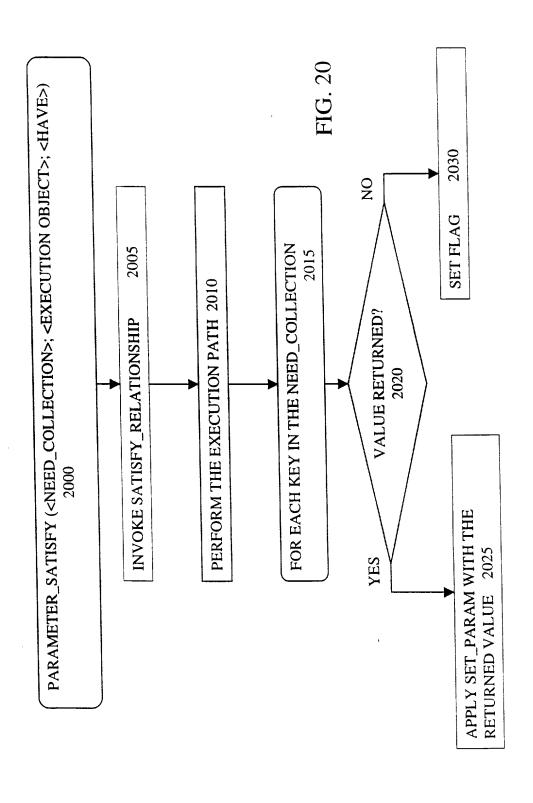


FIG. 18B



APPLY THE ACTION METHOD FROM THE METADATA OBJECT IDENTIFIED BY THE EXECUTION OBJECT USING THE PARAMS STRUCTURE FROM THE BUSINESS RULE OBJECT 1945



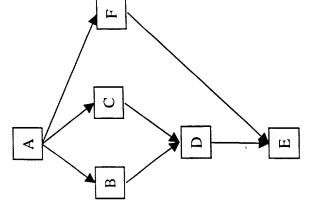


FIG. 21